

IN THE CLAIMS

1. (canceled)

2. (currently amended) A method for assembling a control for use with a cooling device, said method comprising the steps of:

providing the cooling device including a refrigerant that evaporates and cools a compartment of the cooling device;

providing an attached control that is configured to control the cooling device;
and device;

installing a first wireless interface in the attached control, wherein the first wireless interface comprises at least one of a satellite interface, an infra-red interface, and a radio frequency (RF) interface; and

providing a control device including a second wireless interface, wherein the control device is in wireless communication with the attached control through the second wireless interface of the control device.

3. (currently amended) A method according to Claim 2 ~~further comprising the step of~~ wherein said providing a control device including a second wireless interface comprises providing a control device including at least one of a satellite interface and an infra-red interface, wherein the control device is in wireless communication with the attached control through the interface of the control device.

4. (canceled)

5. (previously presented) A method according to Claim 6 wherein said step of providing a cooling device comprises the step of providing a cooling device coupled to a wireless interface including at least one of a satellite interface, an infra-red interface, and a radio frequency (RF) interface.

6. (currently amended) A method for controlling a cooling device, said method comprising the steps of:

providing a cooling device comprising at least one of a refrigerator, a refrigerator/freezer, and a freezer; and

providing a control device in wireless communication with the cooling device and configured to wirelessly control the cooling device via an attached control of ~~the~~ located within the cooling device.

7. (previously presented) A method according to Claim 6 wherein said step of providing a cooling device comprises the step of providing at least one of an industrial refrigerator and an industrial freezer.

8. (previously presented) A method according to Claim 6 wherein said step of providing a control device comprises the step of providing a control device coupled to a wireless interface including at least one of a satellite interface and an infra-red interface, wherein the control device is in wireless communication with the cooling device through the interface.

9. (currently amended) A method for controlling a cooling device, said method comprising the steps of:

providing a cooling device including an attached ~~control; and~~ control and a refrigerant that cools a main compartment of the cooling device; and

providing a control device in wireless communication with the cooling device and configured to wirelessly ~~the cooling device via the attached~~ control; control of the cooling device, wherein the control device includes a memory configured to store data regarding the cooling device.

10. (previously presented) A method according to Claim 9 wherein said step of providing a control device comprises the step of providing a control device including a memory configured to store data regarding the cooling device, the data including at least an alarm history for the cooling device.

11. (previously presented) A method according to Claim 9 wherein said step of providing a control device comprises the step of providing a control device including a memory configured to store data regarding the cooling device, the data including at least one defrost specification for the cooling device.

12. (previously presented) A method according to Claim 9 wherein said step of providing a control device comprises the step of providing a control device including a memory configured to store data regarding the cooling device, the data pertaining to at least one of an evaporator, a condenser, a compressor, and a fan.

13. (previously presented) A method according to Claim 9 wherein said step of providing a control device comprises the step of providing a control device including a memory configured to store data regarding the cooling device, the data including at least a service history for the cooling device.

14. (previously presented) A method according to Claim 9 wherein said step of providing a control device comprises the step of providing a control device including a memory configured to store data including a historical status of the cooling device and a current status of the cooling device.

15. (previously presented) A method according to Claim 9 further comprising the step of providing a user interface for the control device, the interface enabling a user to specify setpoint parameters.

16. (previously presented) A method according to Claim 9 further comprising the step of providing a user interface for the control device, the interface enabling a user to specify setpoint parameters including at least one of an upper setpoint and a lower setpoint.

17. (previously presented) A method according to Claim 9 further comprising the step of providing a user interface for the control device, the interface enabling a user to specify defrost parameters.

18. (previously presented) A method according to Claim 9 further comprising the step of providing a user interface for the control device, the interface

enabling a user to specify defrost parameters including at least one of a defrost interval, a defrost duration, and a defrost method.

19. (previously presented) A method according to Claim 9 further comprising the step of providing a user interface for the control device, the interface enabling a user to specify at least one of an allowable appliance temperature and an allowable evaporator temperature.

20. (previously presented) A method according to Claim 9 further comprising the step of providing a user interface for the control device, the interface enabling a user to specify alarm parameters.

21. (previously presented) A method according to Claim 9 further comprising the step of providing a user interface for the control device, the interface enabling a user to specify alarm parameters including an alarm delay parameter, an alarm interval parameter, an alarm buzzer enablement parameter, and an alarm sounding duration.

22. (previously presented) A method according to Claim 9 wherein said step of providing a cooling device comprises the step of providing a cooling device including an attached control having a wireless interface, said step of providing a control device comprises the step of providing a control device in wireless communication with the cooling device via the attached control.

23. (previously presented) A method for controlling a plurality of cooling devices, said method comprising the steps of:

installing a wireless interface in each cooling device;

controlling the cooling devices with a wireless control device; and

maintaining a location database that identifies a location for each cooling device.

24. (original) A method according to Claim 23 wherein said step of controlling the cooling devices comprises maintaining an asset owner database that includes data identifying an owner of each cooling device.

25. (original) A method according to Claim 23 wherein said step of controlling the cooling devices comprises maintaining an asset type database that includes data identifying a type for each asset.

26. (original) A method according to Claim 23 wherein said step of controlling the cooling devices comprises maintaining an asset database that includes data corresponding to each asset.

27. (canceled)

28. (original) A method according to Claim 23 wherein said step of installing a wireless interface comprises the step of installing at least one of a satellite interface, an infra-red interface, and a radio frequency (RF) interface.

29. (currently amended) A method for assembling a cooling device, said method comprising:

providing a wireless interface configured to transmit cooling device data including current temperature and status of at least one of a compressor and an ~~evaporator; and~~ evaporator;

installing the wireless interface in an attached control in a cooling device such that the cooling device is controllable via wireless ~~communication~~ communication; and

wirelessly transmitting the cooling device data from a control device via the wireless interface to the attached control of the cooling device.

30. (canceled)

31. (original) A method according to Claim 29 wherein said step of providing a wireless interface comprises providing a wireless interface configured to wirelessly receive setpoint parameters.

32. (original) A method according to Claim 29 wherein said step of providing a wireless interface comprises the step providing a wireless interface

configured to communicate wirelessly to receive setpoint parameters including at least one of an upper setpoint and a lower setpoint.

33. (original) A method according to Claim 29 wherein said step of providing a wireless interface comprises the step of providing a wireless interface configured to communicate wirelessly to receive defrost parameters including at least one of a defrost interval, a defrost duration, and a defrost method.

34. (original) A method according to Claim 29 wherein said step of providing a wireless interface comprises the step of providing a wireless interface configured to communicate wirelessly to receive alarm parameters including at least one of an alarm delay parameter, an alarm interval parameter, an alarm buzzer enablement parameter, and an alarm sounding duration.

35. (currently amended) A method for controlling a cooling device including a wireless interface, said method comprising the steps of:

installing an attached control within the cooling device;

providing a wireless control ~~device;~~ and device;

inputting into the wireless control device at least one defrost parameter regarding at least one of a defrost interval, a defrost duration, and a defrost method for the cooling ~~device.~~ device; and

determining a frequency of wireless transmission of data from the attached control to the wireless control device.

36. (previously presented) A method according to Claim 35 further comprising inputting at least one setpoint parameter.

37. (canceled)

38. (previously presented) A method according to Claim 35 further comprising inputting an allowable appliance temperature and an allowable evaporator temperature.

39. (currently amended) A system for controlling a cooling device, said system ~~comprising;~~comprising:

an attached control; and control coupled to the cooling device, wherein said cooling device includes a refrigerant that cools a compartment of the cooling device;

a first wireless interface operationally coupled to said attached control, said wireless interface comprising at least one of a satellite interface and an infra-red interface; ~~interface;~~ and

a control device including a second wireless interface and in wireless communication with said attached control through said second wireless interface of said control device.

40. (canceled)

41. (currently amended) A system according to Claim 39 ~~further comprising a control device comprising at least one of a satellite interface and an infra red interface, said control device in wireless communication with said attached control through said interface of said control device.~~ wherein the second wireless interface includes at least one of a satellite interface and an infra-red interface.

42. (currently amended) A system for cooling product, said system comprising:

a cooling device comprising at least one of a satellite interface and an infra red interface; and an attached control including a first wireless interface, wherein said cooling device includes a refrigerant that evaporates and cools a compartment of the cooling device; and

a control device in wireless communication with said cooling device; and including a second wireless interface, said control device in wireless communication with said attached control of the cooling device through the second wireless interface.

43. (currently amended) A system according to Claim 42 wherein said cooling device comprises ~~at least one of a satellite interface, an infra-red interface, and a radio frequency (RF) interface.~~

44. (original) A system according to Claim 42 wherein said cooling device comprises at least one of a refrigerator, a refrigerator/freezer, and a freezer.

45. (original) A system according to Claim 42 wherein said cooling device comprises at least one of a commercial refrigerator and a commercial freezer.

46. (currently amended) A system according to Claim 42 wherein said ~~control device~~the second wireless interface comprises at least one of a satellite interface and an infra-red interface, ~~wherein the control device is in wireless communication with the cooling device through the interface.~~

47. (currently amended) A system for cooling product, said system comprising:

a cooling ~~device; and~~device;

an attached control coupled to said cooling device; and

a control device in wireless communication with said cooling device, wherein said control device comprises a memory configured to store data regarding the cooling ~~device therein~~device, said control device configured to determine whether an alarm condition of said cooling device is cleared by said control device, and configured to determine that the alarm condition is cleared by said attached control if said control device determines that the alarm condition is not cleared by said control device.

48. (previously presented) A system according to Claim 47 wherein said control device comprises a memory configured to store data regarding the cooling device therein, the data including an alarm history for the cooling device.

49. (previously presented) A system according to Claim 47 wherein said control device comprises a memory configured to store data regarding the cooling

device therein, the data including at least one defrost specification for the cooling device.

50. (previously presented) A system according to Claim 47 wherein said control device comprises a memory configured to store data regarding the cooling device therein, the data regarding at least one of an evaporator, a condenser, a compressor, and a fan.

51. (previously presented) A system according to Claim 47 wherein said control device comprises a memory configured to store data regarding the cooling device therein, the data including a service history for the cooling device.

52. (previously presented) A system according to Claim 47 wherein said control device comprises a memory configured to store data regarding historical status of the cooling device and current status of the cooling device.

53. (previously presented) A system according to Claim 47 wherein said control device configured to display a user interface enabling a user to specify setpoint parameters.

54. (previously presented) A system according to Claim 47 wherein said control device configured to display a user interface enabling a user to specify setpoint parameters including an upper setpoint and a lower setpoint.

55. (previously presented) A system according to Claim 47 wherein said control device configured to display a user interface for the control device, the interface enabling a user to specify defrost parameters.

56. (previously presented) A system according to Claim 47 wherein said control device configured to display a user interface enabling a user to specify defrost parameters including a defrost interval, a defrost duration, and a defrost method.

57. (previously presented) A system according to Claim 47 wherein said control device configured to display a user interface enabling a user to specify at least one of an allowable appliance temperature and an allowable evaporator temperature.

58. (previously presented) A system according to Claim 47 wherein said control device configured to display a user interface enabling a user to specify alarm parameters.

59. (previously presented) A system according to Claim 47 wherein said control device configured to display a user interface enabling a user to specify alarm parameters including an alarm delay parameter, an alarm interval parameter, an alarm buzzer enablement parameter, and an alarm sounding duration.

60. (currently amended) A cooling system comprising:

a plurality of cooling devices each comprising a wireless interface;
~~and interface and a refrigerant that cools the cooling devices;~~

a plurality of attached controls located within the cooling devices; and

a control device in wireless communication with ~~each said cooling device; the~~
attached controls of the cooling devices, wherein said control device comprises an asset owner database that includes data identifying an owner of each said cooling device.

61. (canceled)

62. (original) A system according to Claim 60 wherein said control device comprises an asset type database that includes data identifying an asset type for each said cooling device.

63. (original) A system according to Claim 60 wherein said control device comprises an asset database that includes data regarding each said cooling device.

64. (original) A system according to Claim 60 wherein said control device comprises a location database that includes data identifying a location of each said cooling device.

65. (original) A system according to Claim 60 wherein said wireless interface comprises at least one of a satellite interface, an infra-red interface, and a radio frequency (RF) interface.

66. (currently amended) A computer configured to:
- wirelessly communicate with a cooling ~~device;~~device including a refrigerant that evaporates and cools a compartment of said cooling device;
- receive from a user at least one parameter for the cooling device, and
- wirelessly transmit the received parameter to an attached control ~~of the~~located within the cooling device.
67. (original) A computer according to Claim 66 further configured to receive from the user at least one setpoint parameter.
68. (original) A computer according to Claim 66 further configured to receive at least one defrost parameter regarding at least one of a defrost interval, a defrost duration, and a defrost method.
69. (original) A computer according to Claim 66 further configured to receive from the user an allowable appliance temperature and an allowable evaporator temperature.